Project Title	Funding	Strategic Plan Objective	Institution
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	$0	Q4.Other	Orelena Hawks Puckett Institute
Understanding copy number variants associated with autism	$125,000	Q4.S.B	Duke University Medical Center
The striatal circuitry underlying autistic-like behaviors	$31,975	Q2.Other	Duke University
The Professional Development Center: Children with autism spectrum disorders	$0	Q5.L.C	University of North Carolina at Chapel Hill
Synaptic and circuitry mechanisms of repetitive behaviors in autism	$47,041	Q4.S.B	Massachusetts Institute of Technology
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Statistical analysis of biomedical imaging data in curved space	$326,528	Q2.Other	University of North Carolina at Chapel Hill
Social communication and symbolic play intervention for preschoolers with autism	$0	Q4.L.D	University of North Carolina at Chapel Hill
Small-molecule compounds for treating autism spectrum disorders	$350,000	Q4.S.B	University of North Carolina at Chapel Hill
Sex differences in early brain development; Brain development in Turner syndrome	$155,873	Q2.S.D	University of North Carolina at Chapel Hill
Sensory experiences in children with autism (supplement)	$51,920	Q1.Other	University of North Carolina at Chapel Hill
Sensory experiences in children with autism	$472,116	Q1.Other	University of North Carolina at Chapel Hill
Sensory based CNS diagnostics for the clinic	$181,885	Q1.S.B	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	$77,686	Q4.S.B	University of North Carolina at Chapel Hill
Restricted repetitive behavior in autism	$416,315	Q1.L.B	University of North Carolina at Chapel Hill
Regulation of spine morphogenesis by NrCAM	$185,000	Q2.Other	University of North Carolina at Chapel Hill
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	$0	Q7.K	University of North Carolina at Chapel Hill
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	$0	Q5.Other	University of North Carolina at Chapel Hill
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	$200,000	Q5.L.C	Western Carolina University
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Post-doctoral training in special education research	$155,777	Q7.K	University of North Carolina at Chapel Hill

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Pocket Potty Program - Toilet training for children with developmental disabilities	$74,730	Q4.Other	The Sandbox Learning Company
Personnel preparation program in low incidence severe disabilities	$241,543	Q5.L.C	University Of North Carolina at Charlotte
Outcomes of a community center-based program for toddlers with autism spectrum disorders	$9,120	Q4.L.D	University of North Carolina at Chapel Hill
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	$140,718	Q2.Other	University of Oxford
Neuronal basis of vicarious reinforcement dysfunction in autism spectrum disorder	$310,081	Q2.Other	Duke University
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	$0	Q2.Other	Duke University
MRI study of brain development in school age children with autism	$127,479	Q2.L.A	University of North Carolina at Chapel Hill
Increasing independence and task completion in adolescents and adults with ASD using independent work systems	$3,025	Q6.L.A	University of North Carolina at Chapel Hill
Improving speech-language pathology services to dhildren with severe disabilities through pre-professional and professional training	$0	Q5.Other	Western Carolina University
Imaging signal transduction in single dendritic spines	$382,200	Q2.Other	Duke University
Genome-wide identification of variants affecting early human brain development	$611,005	Q2.S.G	University of North Carolina at Chapel Hill
Genetic studies of autism-related Drosophila neurexin and neuroligin	$489,104	Q2.Other	University of North Carolina at Chapel Hill
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	$150,000	Q4.S.B	Duke University
Functional neuroimaging of psychopharmacologic intervention for autism	$162,369	Q2.L.B	University of North Carolina at Chapel Hill
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	$56,000	Q2.S.D	University of North Carolina at Chapel Hill
Efficacy of the home TEACCHing program for toddlers with autism	$299,995	Q4.L.D	University of North Carolina at Chapel Hill
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	$685,483	Q4.L.D	University of North Carolina at Chapel Hill
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	$48,500	Q4.S.B	University of North Carolina at Chapel Hill
Effect of paternal age on mutational burden and behavior in mice	$222,000	Q2.Other	University of North Carolina at Chapel Hill
East Carolina University Pathways	$0	Q5.Other	East Carolina University
Early intervention professional development: Evidenced-based practices and program quality	$200,000	Q5.L.A	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	$0	Q4.L.D	University of North Carolina at Chapel Hill
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	$0	Q4.S.B	Duke University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	$1,020,001	Q3.L.D	University of North Carolina at Chapel Hill
Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA)	$2,000,903	Q4.L.D	University of North Carolina at Chapel Hill
Birth to kindergarten professional preparation: Inclusive services for children with Autism Spectrum Disorders	$299,997	Q5.Other	University of North Carolina at Greensboro
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	$0	Q2.Other	University of North Carolina at Chapel Hill
Autism in older adults: A pilot, descriptive study	$74,000	Q6.S.A	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	$413,169	Q7.I	University of North Carolina at Chapel Hill
Animal model of genetics and social behavior in autism spectrum disorders	$791,070	Q2.S.G	Duke University
Analysis of Shank3 complete and temporal and spatial specific knockout mice	$481,448	Q2.Other	Duke University
A longitudinal MRI study of brain development in fragile X syndrome	$610,416	Q2.S.D	University of North Carolina at Chapel Hill
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	$859,119	Q4.S.D	University of North Carolina at Chapel Hill
Administrative Core	$529,146	Q7.Other	University of North Carolina at Chapel Hill
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	$899,994	Q4.L.D	3-C Institute for Social Development
ACE Network: Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	$2,589,347	Q4.L.A	University of North Carolina at Chapel Hill
ACE Network: A longitudinal MRI study of infants at risk for autism (supplement)	$565,115	Q2.L.A	University of North Carolina at Chapel Hill
ACE Network: A longitudinal MRI study of infants at risk for autism	$2,619,590	Q2.L.A	University of North Carolina at Chapel Hill
Access, quality and financial implications of the transitions of children with autism	$0	Q5.S.A	University of North Carolina at Chapel Hill